

5-7-08-3665-177--seq-listing.txt
SEQUENCE LISTING

<110> INSTITUT CURIE
CNRS
MNHN
INSERM

<120> NUCLEIC ACID USEFUL FOR TRIGGERING TUMOR CELL LETHALITY

<130> 3665-177

<140> US 10/576,818
<141> 2006-07-19

<160> 6

<170> PatentIn version 3.3

<210> 1
<211> 32
<212> DNA
<213> artificial sequence

<220>
<223> DRIL32, DRIL32po-PEG, DRIL32-PEG, DRIL32ss, DLIR32-T4, DRIL32-2xPEG,
DRIL32-NH2, DRIL32-FITC, DRIL32-Cy3, DRIL32-Bt

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32 : double stranded DNA with the three last nucleotides at
the 5' and 3' ends of both strands with phosphorothioate backbone

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32ss : single stranded DNA with the three last nucleotides
at the 5' and 3' ends with phosphorothioate backbone

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-T4 : stem (1)..(32), a loop at (32) is a four thymines
linker, the first three nucleotides at 5' end of the + strand and
the last three nucleotides at 3' end of the - strand with
phosphorothioate backbone

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32po-PEG : stem (1)..(32) and a loop at (32) is
hexaethyleneglycol linker

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-PEG : stem (1)..(32), a loop at (32) is hexaethyleneglycol
linker, the first three nucleotides at 5' end of + strand and the
last three nucleotides at 3' end of the - strand with
phosphorothioate backbone

<220>

```

<221> misc_feature
<222> (1)..(32)
<223> DRIL32-2xPEG : stem (1)..(32), two loops at (1) and (32) are
        hexaethyleneglycol linkers

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-NH2 : ds DNA with the first three nucleotides at 5' end of
        the + strand and the last three nucleotides at 3' end of the -
        strand with phosphorothioate backbone, and a NH2 group at the
        3'end of the + strand and at the 5' end of the - strand

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-FITC: stem (1)..(32), a loop at (32) is
        hexaethyleneglycol linker, the first 3 nucleotides at 5'end of +
        strand and the last 3 nucleotides at 3'end of the - strand with
        phosphorothioate backbone, FITC bound to nt (32) of the + strand

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-Cy3: stem (1)..(32), a loop at (32) is
        hexaethyleneglycol linker, the first 3 nucleotides at 5' end of +
        strand and the last 3 nucleotides at 3' end of the - strand with
        phosphorothioate backbone, cy3 bound to nt (32) of the + strand

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-Bt: stem (1)..(32), a loop at (32) is
        hexaethyleneglycol linker, the first 3 nucleotides at 5' end of +
        strand and the last 3 nucleotides at 3' end of the - strand with
        phosphorothioate backbone, Biot bound to nt (32) of the + strand

<400> 1
acgcacgggt gttgggtcgt ttgttcggat ct 32

<210> 2
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> DRIL24-PEG

<220>
<221> misc_feature
<222> (1)..(24)
<223> stem (1)..(24), a loop at (24) is hexaethyleneglycol linker, the
        first three nucleotides at 5' end of + strand and the last three
        nucleotides at 3' end of the - strand with phosphorothioate
        backbone

<400> 2
acgcacgggt gttgggtcgt ttgt 24

<210> 3

```

<211> 16
 <212> DNA
 <213> artificial sequence

<220>
 <223> DRIL16-PEG

<220>
 <221> misc_feature
 <222> (1)..(16)
 <223> stem (1)..(16), a loop at (16) is hexaethyleneglycol linker, the first three nucleotides at 5' end of + strand and the last three nucleotides at 3' end of the - strand with phosphorothioate backbone

<400> 3
 acgcacgggt gttggg 16

<210> 4
 <211> 8
 <212> DNA
 <213> artificial sequence

<220>
 <223> DRIL8-PEG

<220>
 <221> misc_feature
 <222> (1)..(8)
 <223> stem (1)..(8), a loop at (8) is hexaethyleneglycol linker, the first three nucleotides at 5' end of + strand and the last three nucleotides at 3' end of the - strand with phosphorothioate backbone

<400> 4
 acgcacgg 8

<210> 5
 <211> 32
 <212> DNA
 <213> artificial sequence

<220>
 <223> DRIL32s33-PEG

<220>
 <221> misc_feature
 <222> (1)..(32)
 <223> stem (1)..(32), a loop at (32) is hexaethyleneglycol linker, the first 3 nt at 5' end of + strand and the last 3 nt at 3' end of - strand with phosphorothioate backbone, the last nt at the 3' end of - strand with 3'-3' linkage

<400> 5
 gctaggcttg tttgctgggt tgtaggcaca gc 32

<210> 6
 <211> 64
 <212> DNA
 <213> artificial sequence

<220>
 <223> DRIL64 and DRIL64-PEG

<220>
 <221> misc_feature
 <222> (1)..(64)
 <223> DRIL64: double stranded DNA with the three last nucleotides at the 5' and 3' ends of both strands with phosphorothioate backbone

<220>
 <221> misc_feature
 <222> (1)..(64)
 <223> DRIL64-PEG: double stranded DNA with the three last nucleotides at the 5' and 3' ends of both strands with phosphorothioate backbone, and an hexaethyleneglycol linker introduced between nucleotides (32) and (33) of both strands

<400> 6
 acgcacgggt gttgggtcgt ttgttcggat ctacgcacgg tcgtttgttc ggtgttggcg 60
 atct 64